

METHOD, SYSTEM AND PROGRAM PRODUCT FOR MONITORING RATE OF VOLUME CHANGE OF COOLANT WITHIN A COOLING SYSTEM

Abstract of the Disclosure

Method, system and program product are provided for monitoring coolant within a cooling system designed to provide system coolant to one or more electronics subsystems. The monitoring technique includes employing at least one pressure transducer to obtain multiple pressure measurements related to an amount of coolant within an expansion tank of the cooling system, and determining a rate of volume change of coolant within the expansion tank employing the multiple pressure measurements. Successive pressure measurements can be taken at a known time interval to determine the rate of volume change of coolant within the expansion tank. An automatic determination can also be made on the immediacy of action to be taken for service of the cooling system based on the rate of volume change of coolant within the expansion tank.